

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 FEB 28 PATDPAFULL - New display fields provide for legal status
 data from INPADOC
 NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available
 NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
 NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
 NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
 NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced
 NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
 NEWS 10 MAR 22 PATDPASPC - New patent database available
 NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
 NEWS 12 APR 04 EPFULL enhanced with additional patent information and new
 fields
 NEWS 13 APR 04 EMBASE - Database reloaded and enhanced
 NEWS 14 APR 18 New CAS Information Use Policies available online
 NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs),
 based on application date in CA/CAPLUS and USPATFULL/USPAT2
 may be affected by a change in filing date for U.S.
 applications.
 NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for
 U.S. patent records in CA/CAPLUS
 NEWS 17 MAY 23 GBFULL enhanced with patent drawing images
 NEWS 18 MAY 23 REGISTRY has been enhanced with source information from
 CHEMCATS
 NEWS 19 JUN 06 STN Patent Forums to be held in June 2005
 NEWS 20 JUN 06 The Analysis Edition of STN Express with Discover!
 (Version 8.0 for Windows) now available
 NEWS 21 JUN 13 RUSSIAPAT: New full-text patent database on STN
 NEWS 22 JUN 13 FRFULL enhanced with patent drawing images
 NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005

=> fil reg; e pigment yellow 1/cn
 COST IN U.S. DOLLARS

SINCE FILE TOTAL
 ENTRY SESSION

STN Columbus

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6
DICTIONARY FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

E1	1	PIGMENT WHITE 9/CN
E2	1	PIGMENT Y/CN
E3	1 -->	PIGMENT YELLOW 1/CN
E4	1	PIGMENT YELLOW 10/CN
E5	1	PIGMENT YELLOW 100/CN
E6	1	PIGMENT YELLOW 101/CN
E7	1	PIGMENT YELLOW 104/CN
E8	1	PIGMENT YELLOW 106/CN
E9	1	PIGMENT YELLOW 108/CN
E10	1	PIGMENT YELLOW 109/CN
E11	1	PIGMENT YELLOW 10G/CN
E12	1	PIGMENT YELLOW 110/CN

=> s e3

L1 1 "PIGMENT YELLOW 1"/CN

=> d scan'

'SCAN'' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats. The predefined substance formats
are: (RN = CAS Registry Number)

STN Columbus

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):scan
'SCAN' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names

STN Columbus

SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

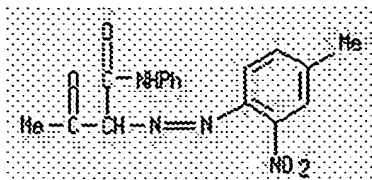
The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> d scan

L1 1 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Butanamide, 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenyl- (9CI)
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
MF C17 H16 N4 O4
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> e pigment yellow 2/cn

E1	1	PIGMENT YELLOW 198/CN
E2	1	PIGMENT YELLOW 199/CN
E3	1 -->	PIGMENT YELLOW 2/CN
E4	1	PIGMENT YELLOW 202/CN
E5	1	PIGMENT YELLOW 203/CN
E6	1	PIGMENT YELLOW 213/CN
E7	1	PIGMENT YELLOW 214/CN
E8	1	PIGMENT YELLOW 216/CN
E9	1	PIGMENT YELLOW 24/CN
E10	1	PIGMENT YELLOW 2G/CN
E11	1	PIGMENT YELLOW 2GLTE/CN
E12	1	PIGMENT YELLOW 2K/CN

=> s e3

L2 1 "PIGMENT YELLOW 2"/CN

=> s pigment yellow 3/cn

L3 1 PIGMENT YELLOW 3/CN

=> s pigment yellow 4/cn

L4 1 PIGMENT YELLOW 4/CN

=> s pigment yellow 5/cn

L5 1 PIGMENT YELLOW 5/CN

=> s pigment yellow 6/cn

L6 0 PIGMENT YELLOW 6/CN

=> e pigment yellow 6/cn

E1	1	PIGMENT YELLOW 5GX/CN
E2	1	PIGMENT YELLOW 5K/CN
E3	0 -->	PIGMENT YELLOW 6/CN
E4	1	PIGMENT YELLOW 60/CN
E5	1	PIGMENT YELLOW 61:1/CN
E6	1	PIGMENT YELLOW 62/CN
E7	1	PIGMENT YELLOW 62:1/CN
E8	1	PIGMENT YELLOW 63/CN
E9	1	PIGMENT YELLOW 73/CN
E10	1	PIGMENT YELLOW 74/CN
E11	1	PIGMENT YELLOW 75/CN
E12	1	PIGMENT YELLOW 77/CN

=> s pigment yellow 9/cn

L7 0 PIGMENT YELLOW 9/CN

=> e pigment yellow 9/cn

E1	1	PIGMENT YELLOW 83:1/CN
E2	1	PIGMENT YELLOW 87/CN

STN Columbus

```
E3      0 --> PIGMENT YELLOW 9/CN
E4      1      PIGMENT YELLOW 90/CN
E5      1      PIGMENT YELLOW 93/CN
E6      1      PIGMENT YELLOW 94/CN
E7      1      PIGMENT YELLOW 95/CN
E8      1      PIGMENT YELLOW 97/CN
E9      1      PIGMENT YELLOW 98/CN
E10     1      PIGMENT YELLOW A/CN
E11     1      PIGMENT YELLOW CIBA 2R/CN
E12     1      PIGMENT YELLOW D/CN
```

=> e pigment yellow 49/cn

```
E1      1      PIGMENT YELLOW 46/CN
E2      1      PIGMENT YELLOW 47/CN
E3      1 --> PIGMENT YELLOW 49/CN
E4      1      PIGMENT YELLOW 4K/CN
E5      1      PIGMENT YELLOW 5/CN
E6      1      PIGMENT YELLOW 53/CN
E7      1      PIGMENT YELLOW 55/CN
E8      1      PIGMENT YELLOW 5G/CN
E9      1      PIGMENT YELLOW 5GX/CN
E10     1      PIGMENT YELLOW 5K/CN
E11     1      PIGMENT YELLOW 60/CN
E12     1      PIGMENT YELLOW 61:1/CN
```

=> s e3

```
L8      1 "PIGMENT YELLOW 49"/CN
```

=> s pigment yellow 65/cn

```
L9      0 PIGMENT YELLOW 65/CN
```

=> e pigment yellow 73/cn

```
E1      1      PIGMENT YELLOW 62:1/CN
E2      1      PIGMENT YELLOW 63/CN
E3      1 --> PIGMENT YELLOW 73/CN
E4      1      PIGMENT YELLOW 74/CN
E5      1      PIGMENT YELLOW 75/CN
E6      1      PIGMENT YELLOW 77/CN
E7      1      PIGMENT YELLOW 79/CN
E8      1      PIGMENT YELLOW 81/CN
E9      1      PIGMENT YELLOW 83/CN
E10     1      PIGMENT YELLOW 83:1/CN
E11     1      PIGMENT YELLOW 87/CN
E12     1      PIGMENT YELLOW 90/CN
```

=> s e3

```
L10     1 "PIGMENT YELLOW 73"/CN
```

=> e pigment yellow 94/cn

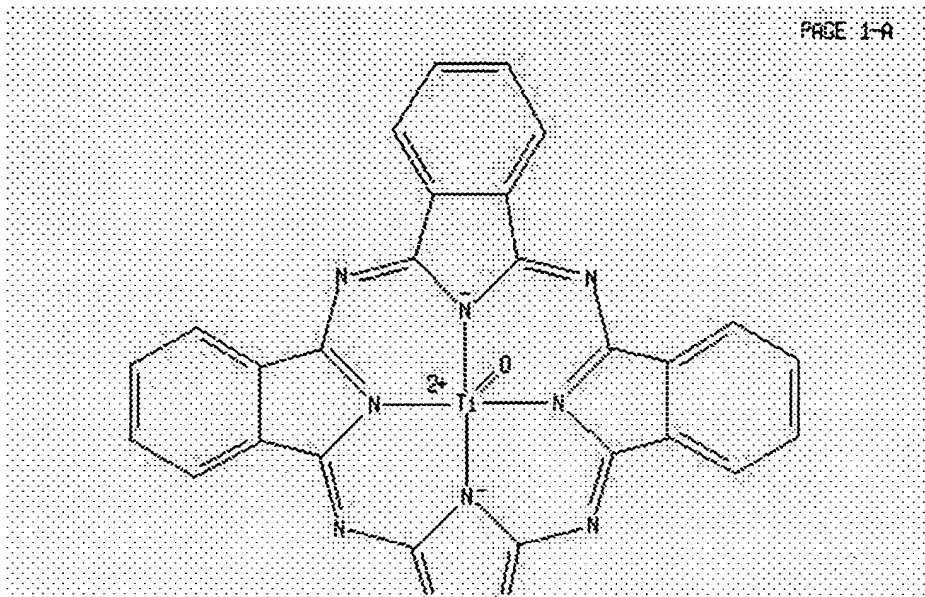
```
E1      1      PIGMENT YELLOW 90/CN
E2      1      PIGMENT YELLOW 93/CN
E3      1 --> PIGMENT YELLOW 94/CN
E4      1      PIGMENT YELLOW 95/CN
E5      1      PIGMENT YELLOW 97/CN
E6      1      PIGMENT YELLOW 98/CN
E7      1      PIGMENT YELLOW A/CN
E8      1      PIGMENT YELLOW CIBA 2R/CN
E9      1      PIGMENT YELLOW D/CN
E10     1      PIGMENT YELLOW ECY 210/CN
E11     1      PIGMENT YELLOW G/CN
E12     1      PIGMENT YELLOW G 583/CN
```

STN Columbus

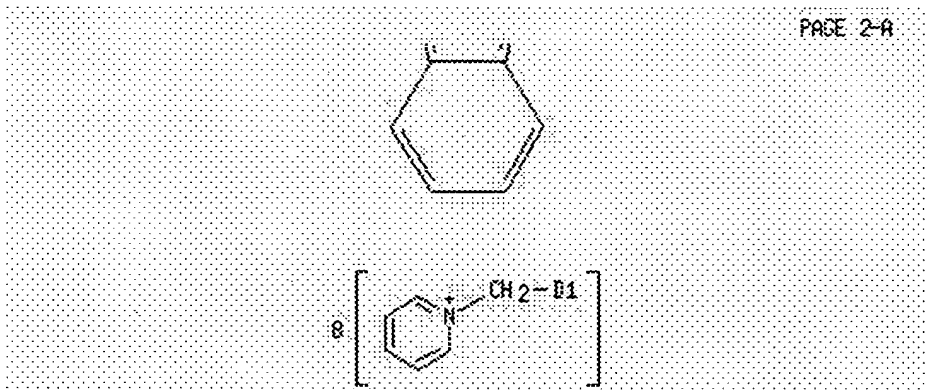
```
=> s e3  
L11          1 "PIGMENT YELLOW 94"/CN  
  
=> del l11  
DELETE L11? (Y)/N:y  
  
=> s pigment yellow 74/cn  
L11          1 PIGMENT YELLOW 74/CN  
  
=> s pigment yellow 75/cn  
L12          1 PIGMENT YELLOW 75/CN  
  
=> s pigment yellow 97/cn  
L13          1 PIGMENT YELLOW 97/CN  
  
=> s pigment yellow 98/cn  
L14          1 PIGMENT YELLOW 98/CN  
  
=> s pigment yellow 116/cn  
L15          1 PIGMENT YELLOW 116/CN  
  
=> s pigment yellow 120/cn  
L16          1 PIGMENT YELLOW 120/CN  
  
=> s pigment yellow 154/cn  
L17          1 PIGMENT YELLOW 154/CN  
  
=> e pigment orange 1/cn  
E1           1      PIGMENT OPAQUE YELLOW O/CN  
E2           1      PIGMENT ORANGE/CN  
E3           1 --> PIGMENT ORANGE 1/CN  
E4           1      PIGMENT ORANGE 13/CN  
E5           1      PIGMENT ORANGE 16/CN  
E6           1      PIGMENT ORANGE 16A/CN  
E7           1      PIGMENT ORANGE 17/CN  
E8           1      PIGMENT ORANGE 17:1/CN  
E9           1      PIGMENT ORANGE 18/CN  
E10          1      PIGMENT ORANGE 19/CN  
E11          1      PIGMENT ORANGE 1963/1/CN  
E12          1      PIGMENT ORANGE 2/CN  
  
=> s e3  
L18          1 "PIGMENT ORANGE 1"/CN  
  
=> s pigment orange 36/cn  
L19          1 PIGMENT ORANGE 36/CN  
  
=> s l1-l19  
L20          16 (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR  
                L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19)  
  
=> s phthalocyanin? and ti/els  
            25839 PHTHALOCYANIN?  
            251903 TI/ELS  
L21          336 PHTHALOCYANIN? AND TI/ELS  
  
=> d scan  
  
L21 336 ANSWERS    REGISTRY    COPYRIGHT 2005 ACS on STN  
IN  Titanium(8+), oxo[[[1,1',1'',1''',1'''',1'''''',1''''''',1''''''''-  
    [(29H,31H-phthalocyanine-C,C,C,C,C,C,C,C-octayl-  
    KN29,KN30,KN31,KN32)octakis(methylene)]octakis(pyr
```

idiniumato]](2-)]- (9CI)
 MF C80 H64 N16 O Ti
 CI CCS, IDS, COM

PAGE 1-A



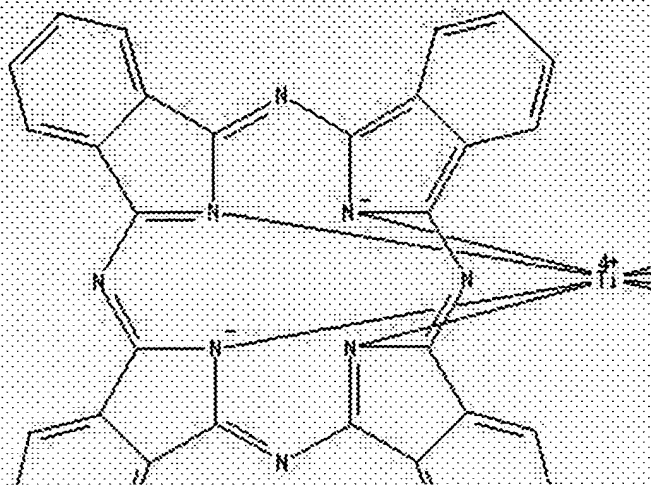
PAGE 2-A



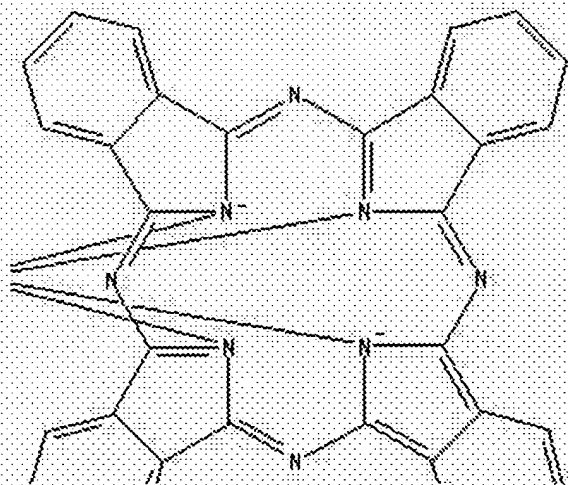
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L21 336 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Titanium, bis[C,C,C,2-tetrakis(1,1-dimethylethyl)-29H,31H-
 phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-
 (9CI)
 MF C96 H96 N16 Ti
 CI CCS, IDS

PAGE 1-A



PAGE 1-B



PAGE 2-A



8 (D1-Bu-t)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> d ca

'CA' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
 SAM - Index Name, MF, and structure - no RN
 FIDE - All substance data, except sequence data
 IDE - FIDE, but only 50 names
 SQIDE - IDE, plus sequence data
 SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
 SQD - Protein sequence data, includes RN
 SQD3 - Same as SQD, but 3-letter amino acid codes are used
 SQN - Protein sequence name information, includes RN

 CALC - Table of calculated properties
 EPROP - Table of experimental properties
 PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
 APPS -- Application and Priority Information
 BIB -- CA Accession Number, plus Bibliographic Data
 CAN -- CA Accession Number
 CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
 IND -- Index Data
 IPC -- International Patent Classification
 PATS -- PI, SO
 STD -- BIB, IPC, and NCL

 IABS -- ABS, indented, with text labels
 IBIB -- BIB, indented, with text labels
 ISTD -- STD format, indented

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help

STN Columbus

messages:

```
HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):fil ca
'FIL' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'CA' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
```

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

```
REG    - RN
SAM    - Index Name, MF, and structure - no RN
FIDE   - All substance data, except sequence data
IDE    - FIDE, but only 50 names
SQIDE  - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD    - Protein sequence data, includes RN
SQD3   - Same as SQD, but 3-letter amino acid codes are used
SQN    - Protein sequence name information, includes RN

CALC   - Table of calculated properties
EPROP  - Table of experimental properties
PROP   - EPROP and CALC
```

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

```
ABS    -- Abstract
APPS   -- Application and Priority Information
BIB    -- CA Accession Number, plus Bibliographic Data
CAN    -- CA Accession Number
CBIB   -- CA Accession Number, plus Bibliographic Data (compressed)
IND    -- Index Data
IPC    -- International Patent Classification
PATS   -- PI, SO
STD    -- BIB, IPC, and NCL

IABS   -- ABS, indented, with text labels
IBIB   -- BIB, indented, with text labels
ISTD   -- STD format, indented

OBIB   ----- AN, plus Bibliographic Data (original)
OIBIB  ----- OBIB, indented with text labels

SBIB   ----- BIB, no citations
SIBIB  ----- IBIB, no citations
```

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

```
HELP DFIELDS -- To see a complete list of individual display fields.
```

STN Columbus

HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> fil ca

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	105.50	105.71

FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Jun 2005 VOL 142 ISS 25
FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005)

FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005

	E PIGMENT YELLOW 1/CN
L1	1 S E3
	E PIGMENT YELLOW 2/CN
L2	1 S E3
L3	1 S PIGMENT YELLOW 3/CN
L4	1 S PIGMENT YELLOW 4/CN
L5	1 S PIGMENT YELLOW 5/CN
L6	0 S PIGMENT YELLOW 6/CN
	E PIGMENT YELLOW 6/CN
L7	0 S PIGMENT YELLOW 9/CN
	E PIGMENT YELLOW 9/CN
	E PIGMENT YELLOW 49/CN
L8	1 S E3
L9	0 S PIGMENT YELLOW 65/CN
	E PIGMENT YELLOW 73/CN
L10	1 S E3
	E PIGMENT YELLOW 94/CN
L11	1 S PIGMENT YELLOW 74/CN
L12	1 S PIGMENT YELLOW 75/CN
L13	1 S PIGMENT YELLOW 97/CN
L14	1 S PIGMENT YELLOW 98/CN
L15	1 S PIGMENT YELLOW 116/CN
L16	1 S PIGMENT YELLOW 120/CN
L17	1 S PIGMENT YELLOW 154/CN

STN Columbus

E PIGMENT ORANGE 1/CN
 L18 1 S E3
 L19 1 S PIGMENT ORANGE 36/CN
 L20 16 S L1-L19
 L21 336 S PHTHALOCYANIN? AND TI/ELS

FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005

=> s 120
 L22 1332 L20

=> s 121
 L23 2340 L21

=> s 122 and 123 and electrophotog?
 64472 ELECTROPHOTOG?
 L24 4 L22 AND L23 AND ELECTROPHOTOG?

=> d fbib hitstr 1-4; fil stnguide

L24 ANSWER 1 OF 4 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 140:278396 CA
 TI **Electrophotographic** photoconductor comprising uniform photosensitive layer
 IN Azuma, Jun; Hamasaki, Kazunari; Kuboshima, Daisuke; Honma, Hisakazu
 PA Japan
 SO U.S. Pat. Appl. Publ., 23 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004058257	A1	20040325	US 2003-667905	20030923
				JP 2002-277778	A 20020924
	JP 2004117558	A2	20040415	JP 2002-277778	20020924
	EP 1403720	A2	20040331	EP 2003-255960	20030923
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				JP 2002-277778	A 20020924

OS MARPAT 140:278396

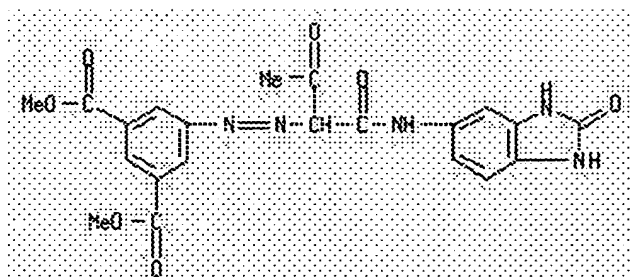
IT 29920-31-8, C.I. Pigment Yellow 120

RL: PRP (Properties); TEM (Technical or engineered material use); USES
 (Uses)

(C.I. Pigment Yellow 120; **electrophotog.** photoconductor
 comprising uniform photosensitive layer)

RN 29920-31-8 CA

CN 1,3-Benzenedicarboxylic acid, 5-[[1-[[[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)amino]carbonyl]-2-oxopropyl]azo]-, dimethyl ester (9CI) (CA INDEX
 NAME)



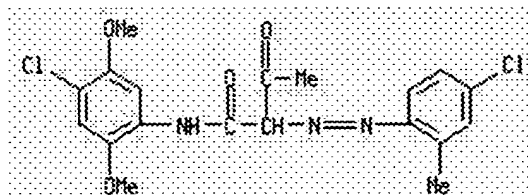
IT 2904-04-3, C.I. Pigment Yellow 49

RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)

(C.I. Pigment Yellow 49; **electrophotog.** photoconductor comprising uniform photosensitive layer)

RN 2904-04-3 CA

CN Butanamide, N-(4-chloro-2,5-dimethoxyphenyl)-2-[(4-chloro-2-methylphenyl)azo]-3-oxo- (9CI) (CA INDEX NAME)



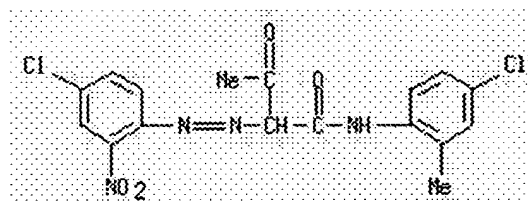
IT 32432-45-4, C.I. Pigment Yellow 98

RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)

(C.I. Pigment Yellow 98; **electrophotog.** photoconductor comprising uniform photosensitive layer)

RN 32432-45-4 CA

CN Butanamide, N-(4-chloro-2-methylphenyl)-2-[(4-chloro-2-nitrophenyl)azo]-3-oxo- (9CI) (CA INDEX NAME)



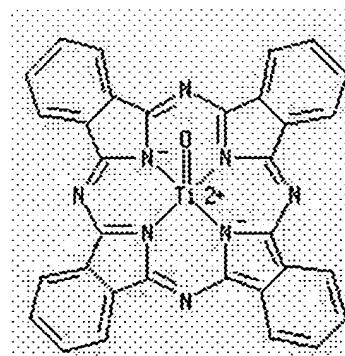
IT 26201-32-1P, α -Titanyl phthalocyanine

RL: PNU (Preparation, unclassified); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(**electrophotog.** photoconductor comprising uniform photosensitive layer)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-KN29,KN30,KN31,KN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



Full Text

AN 139:283336 CA
 TI Positive-charging electrophotographic green toner showing stable charging properties
 IN Oba, Katsunori; Ogura, Katsuyuki
 PA Dainippon Ink and Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2003280275	A2	20031002	JP 2002-83053	20020325
				JP 2002-83053	20020325

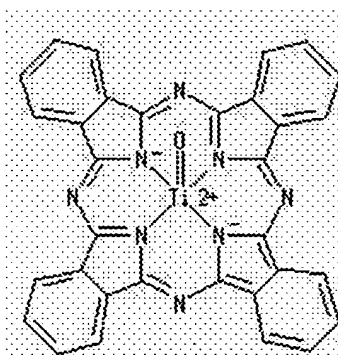
OS MARPAT 139:283336

IT 26201-32-1, Titanyl phthalocyanine

RL: TEM (Technical or engineered material use); USES (Uses)
 (blue pigment in pos.-charging electrophotog. green toner showing stable charging properties)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)

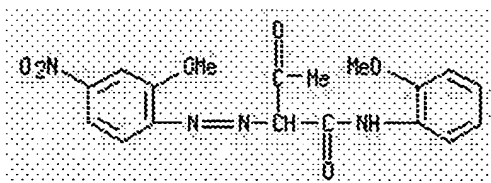


IT 6358-31-2, C.I. Pigment Yellow 74

RL: TEM (Technical or engineered material use); USES (Uses)
 (yellow pigment in pos.-charging electrophotog. green toner showing stable charging properties)

RN 6358-31-2 CA

CN Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



L24 ANSWER 3 OF 4 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 135:325221 CA
 TI Electrophotographic cartridge image-forming method and image-forming apparatus
 IN Ishikawa, Tomoko; Ando, Osamu; Nozomi, Mamoru; Fujii, Akiteru

STN Columbus

PA Mitsubishi Chemical Corporation, Japan
 SO Eur. Pat. Appl., 53 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

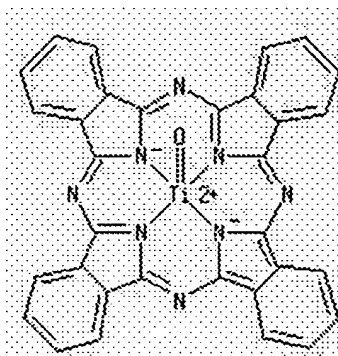
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1146397	A1	20011017	EP 2001-109051	20010411
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 2002025184	A1	20020228	JP 2000-110420	A 20000412
			US 2001-829930	20010411
			JP 2000-110420	A 20000412

IT 26201-32-1P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (charge generating agent in **electrophotog.** photoreceptors)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-KN29,KN30,KN31,KN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)

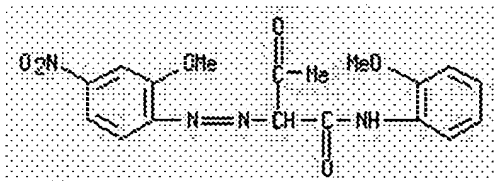


IT 6358-31-2, C.I. Pigment Yellow 74

RL: TEM (Technical or engineered material use); USES (Uses)
 (colorant in **electrophotog.** toners)

RN 6358-31-2 CA

CN Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)-



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 4 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 134:346369 CA

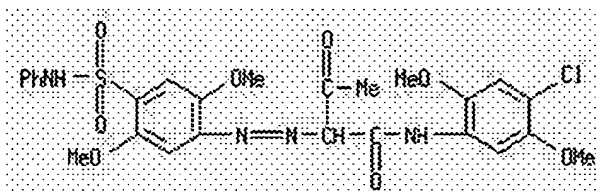
TI Organic pigment nanoparticle thin film devices via Lewis acid pigment solubilization and in situ pigment dispersions

AU Hsieh, B. R.; Melnyk, A. R.

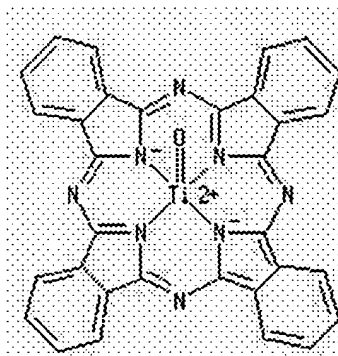
CS Xerox Corporation, Webster, NY, USA

STN Columbus

SO Journal of Imaging Science and Technology (2001), 45(1), 37-42
 CODEN: JIMTE6; ISSN: 1062-3701
 PB Society for Imaging Science and Technology
 DT Journal
 LA English
 IT 12225-18-2 26201-32-1, Titanyl phthalocyanine
 RL: DEV (Device component use); NUU (Other use, unclassified); TEM
 (Technical or engineered material use); USES (Uses)
 (org. pigment nanoparticle thin film devices via Lewis acid pigment
 solubilization and in-situ pigment dispersions)
 RN 12225-18-2 CA
 CN Butanamide, N-(4-chloro-2,5-dimethoxyphenyl)-2-[[2,5-dimethoxy-4-
 [(phenylamino)sulfonyl]phenyl]azo]-3-oxo- (9CI) (CA INDEX NAME)



RN 26201-32-1 CA
 CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-KN29,KN30,KN3
 1,KN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.62	121.33

FILE 'STNGUIDE' ENTERED AT 10:21:28 ON 16 JUN 2005
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Jun 10, 2005 (20050610/UP).

=> fil reg; e pigment yellow 12/cn

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION

STN Columbus

FULL ESTIMATED COST 0.18 121.51

FILE 'REGISTRY' ENTERED AT 10:23:16 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6
DICTIONARY FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

E1	1	PIGMENT YELLOW 118/CN
E2	1	PIGMENT YELLOW 119/CN
E3	1 -->	PIGMENT YELLOW 12/CN
E4	1	PIGMENT YELLOW 120/CN
E5	1	PIGMENT YELLOW 123/CN
E6	1	PIGMENT YELLOW 126/CN
E7	1	PIGMENT YELLOW 127/CN
E8	1	PIGMENT YELLOW 128/CN
E9	1	PIGMENT YELLOW 129/CN
E10	1	PIGMENT YELLOW 12Z/CN
E11	1	PIGMENT YELLOW 13/CN
E12	1	PIGMENT YELLOW 130/CN

=> s e3
L25 1 "PIGMENT YELLOW 12"/CN

=> s e11
L26 1 "PIGMENT YELLOW 13"/CN

=> e pigment yellow 14/cn
E1 1 PIGMENT YELLOW 138/CN
E2 1 PIGMENT YELLOW 139/CN
E3 1 --> PIGMENT YELLOW 14/CN
E4 1 PIGMENT YELLOW 142/CN
E5 1 PIGMENT YELLOW 147/CN

STN Columbus

```
E6      1      PIGMENT YELLOW 148/CN
E7      1      PIGMENT YELLOW 15/CN
E8      1      PIGMENT YELLOW 150/CN
E9      1      PIGMENT YELLOW 151/CN
E10     1      PIGMENT YELLOW 152/CN
E11     1      PIGMENT YELLOW 153/CN
E12     1      PIGMENT YELLOW 154/CN
```

```
=> s e3
L27      1 "PIGMENT YELLOW 14"/CN
```

```
=> s e7
L28      1 "PIGMENT YELLOW 15"/CN
```

```
=> s pigment yellow 17/cn
L29      1 PIGMENT YELLOW 17/CN
```

```
=> s pigment yellow 55/cn
L30      1 PIGMENT YELLOW 55/CN
```

```
=> s pigment yellow 81/cn
L31      1 PIGMENT YELLOW 81/CN
```

```
=> s pigment yellow 83/cn
L32      1 PIGMENT YELLOW 83/CN
```

```
=> s pigment yellow 87/cn
L33      1 PIGMENT YELLOW 87/CN
```

```
=> e pigment yellow 113/cn
E1      1      PIGMENT YELLOW 110/CN
E2      1      PIGMENT YELLOW 111/CN
E3      0 --> PIGMENT YELLOW 113/CN
E4      1      PIGMENT YELLOW 114/CN
E5      1      PIGMENT YELLOW 115/CN
E6      1      PIGMENT YELLOW 116/CN
E7      1      PIGMENT YELLOW 117/CN
E8      1      PIGMENT YELLOW 118/CN
E9      1      PIGMENT YELLOW 119/CN
E10     1      PIGMENT YELLOW 12/CN
E11     1      PIGMENT YELLOW 120/CN
E12     1      PIGMENT YELLOW 123/CN
```

```
=> e pigment yellow 170/cn
E1      1      PIGMENT YELLOW 169/CN
E2      1      PIGMENT YELLOW 17/CN
E3      0 --> PIGMENT YELLOW 170/CN
E4      1      PIGMENT YELLOW 173/CN
E5      1      PIGMENT YELLOW 174/CN
E6      1      PIGMENT YELLOW 175/CN
E7      1      PIGMENT YELLOW 176/CN
E8      1      PIGMENT YELLOW 177/CN
E9      1      PIGMENT YELLOW 179/CN
E10     1      PIGMENT YELLOW 180/CN
E11     1      PIGMENT YELLOW 181/CN
E12     1      PIGMENT YELLOW 182/CN
```

```
=> s e10
L34      1 "PIGMENT YELLOW 180"/CN
```

```
=> s 125-134
L35      10 (L25 OR L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR
```

STN Columbus

L34)

=> fil ca

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

48.15

169.66

FILE 'CA' ENTERED AT 10:26:06 ON 16 JUN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Jun 2005 VOL 142 ISS 25

FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005)

FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005

```

          E PIGMENT YELLOW 1/CN
L1        1 S E3
          E PIGMENT YELLOW 2/CN
L2        1 S E3
L3        1 S PIGMENT YELLOW 3/CN
L4        1 S PIGMENT YELLOW 4/CN
L5        1 S PIGMENT YELLOW 5/CN
L6        0 S PIGMENT YELLOW 6/CN
          E PIGMENT YELLOW 6/CN
L7        0 S PIGMENT YELLOW 9/CN
          E PIGMENT YELLOW 9/CN
          E PIGMENT YELLOW 49/CN
L8        1 S E3
L9        0 S PIGMENT YELLOW 65/CN
          E PIGMENT YELLOW 73/CN
L10       1 S E3
          E PIGMENT YELLOW 94/CN
L11       1 S PIGMENT YELLOW 74/CN
L12       1 S PIGMENT YELLOW 75/CN
L13       1 S PIGMENT YELLOW 97/CN
L14       1 S PIGMENT YELLOW 98/CN
L15       1 S PIGMENT YELLOW 116/CN
L16       1 S PIGMENT YELLOW 120/CN
L17       1 S PIGMENT YELLOW 154/CN
          E PIGMENT ORANGE 1/CN

```

STN Columbus

L18 1 S E3
 L19 1 S PIGMENT ORANGE 36/CN
 L20 16 S L1-L19
 L21 336 S PHTHALOCYANIN? AND TI/ELS

FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005

L22 1332 S L20
 L23 2340 S L21
 L24 4 S L22 AND L23 AND ELECTROPHOTOG?

FILE 'STNGUIDE' ENTERED AT 10:21:28 ON 16 JUN 2005

FILE 'REGISTRY' ENTERED AT 10:23:16 ON 16 JUN 2005

E PIGMENT YELLOW 12/CN
 L25 1 S E3
 L26 1 S E11
 E PIGMENT YELLOW 14/CN
 L27 1 S E3
 L28 1 S E7
 L29 1 S PIGMENT YELLOW 17/CN
 L30 1 S PIGMENT YELLOW 55/CN
 L31 1 S PIGMENT YELLOW 81/CN
 L32 1 S PIGMENT YELLOW 83/CN
 L33 1 S PIGMENT YELLOW 87/CN
 E PIGMENT YELLOW 113/CN
 E PIGMENT YELLOW 170/CN
 L34 1 S E10
 L35 10 S L25-L34

FILE 'CA' ENTERED AT 10:26:06 ON 16 JUN 2005

=> s 135
 L36 2263 L35
 => s 136 and 121 and electrophotog?
 2340 L21
 64472 ELECTROPHOTOG?
 L37 5 L36 AND L21 AND ELECTROPHOTOG?
 => s 137 not 124
 L38 3 L37 NOT L24

=> d fbib hitstr 1-3; fil stnguide

L38 ANSWER 1 OF 3 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 138:80619 CA
 TI **Electrophotographic** image formation using flat toners
 IN Shigeta, Kunio; Sato, Yotaro; Haneda, Satoshi
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 22 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 2003005446	A2	20030108	JP 2001-189636	20010622
				JP 2001-189636	20010622

IT 26201-32-1, Titanyl phthalocyanine

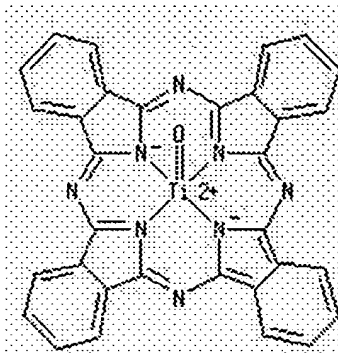
RL: TEM (Technical or engineered material use); USES (Uses)
 (Y-type, charge generating layer contg.; **electrophotog.** using

STN Columbus

photoreceptors having org. semiconductor layer with controlled dielec. const. and thickness and shape-controlled flat toners)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-KN29,KN30,KN31,KN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)

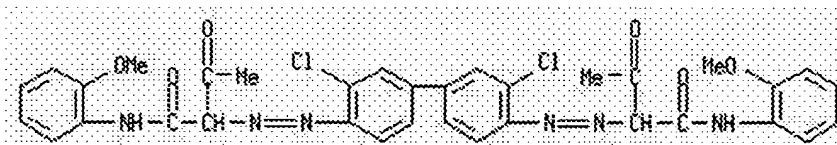


IT 4531-49-1, C.I. Pigment Yellow 17

RL: TEM (Technical or engineered material use); USES (Uses)
(yellow toners contg.; **electrophotog.** using photoreceptors having org. semiconductor layer with controlled dielec. const. and thickness and shape-controlled flat toners)

RN 4531-49-1 CA

CN Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



L38 ANSWER 2 OF 3 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 120:178125 CA

TI Long-wavelength laser sensitive **electrophotographic** photoreceptor

IN Fujimaki, Yoshihide; Tadokoro, Hajime

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 17 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

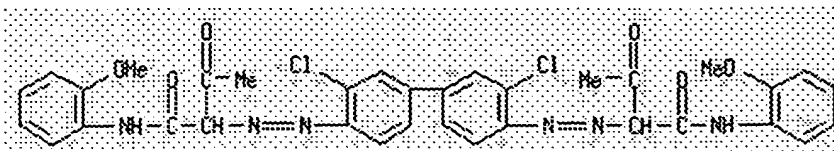
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05011475	A2	19930122	JP 1991-164446	19910704
			JP 1991-164446	19910704

IT 4531-49-1

RL: TEM (Technical or engineered material use); USES (Uses)
(**electrophotog.** toner contg.)

RN 4531-49-1 CA

CN Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



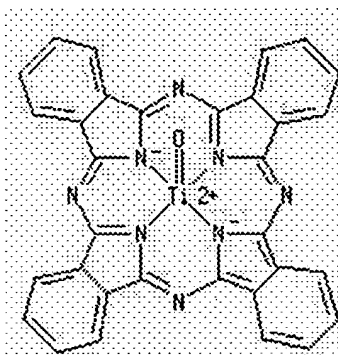
IT 26201-32-1, Titanylphthalocyanine

RL: USES (Uses)

(mixed crystal with vanadylphthalocyanine, for electrophotog. photoreceptor)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



L38 ANSWER 3 OF 3 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 115:146617 CA

TI **Electrophotographic** photoreceptor using titanyl phthalocyanine pigment and intermediate layer

IN Oda, Yasuhiro; Yoshioka, Hiroshi; Tadokoro, Hajime; Fujimaki, Yoshihide

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03033858	A2	19910214	JP 1989-168594	19890630
	JP 2922219	B2	19990719		
				JP 1989-168594	19890630

OS MARPAT 115:146617

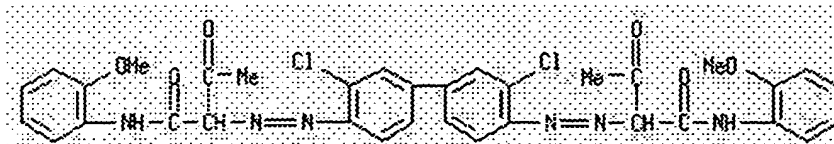
IT 4531-49-1, Ket Yellow 403

RL: TEM (Technical or engineered material use); USES (Uses)

(dispersed in intermediate layer, in **electrophotog.** photoreceptor)

RN 4531-49-1 CA

CN Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



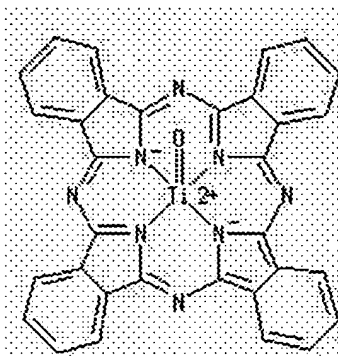
STN Columbus

IT 26201-32-1P, Titanyl phthalocyanine

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, carrier generating agent, electrophotog.
photoreceptor using)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-KN29,KN30,KN3
1,KN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.95	181.61

FILE 'STNGUIDE' ENTERED AT 10:26:56 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 10, 2005 (20050610/UP).

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.12	181.73

FILE 'REGISTRY' ENTERED AT 10:28:14 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6
DICTIONARY FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

STN Columbus

```
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005)

FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005

```
      E PIGMENT YELLOW 1/CN
L1      1 S E3
      E PIGMENT YELLOW 2/CN
L2      1 S E3
L3      1 S PIGMENT YELLOW 3/CN
L4      1 S PIGMENT YELLOW 4/CN
L5      1 S PIGMENT YELLOW 5/CN
L6      0 S PIGMENT YELLOW 6/CN
      E PIGMENT YELLOW 6/CN
L7      0 S PIGMENT YELLOW 9/CN
      E PIGMENT YELLOW 9/CN
      E PIGMENT YELLOW 49/CN
L8      1 S E3
L9      0 S PIGMENT YELLOW 65/CN
      E PIGMENT YELLOW 73/CN
L10     1 S E3
      E PIGMENT YELLOW 94/CN
L11     1 S PIGMENT YELLOW 74/CN
L12     1 S PIGMENT YELLOW 75/CN
L13     1 S PIGMENT YELLOW 97/CN
L14     1 S PIGMENT YELLOW 98/CN
L15     1 S PIGMENT YELLOW 116/CN
L16     1 S PIGMENT YELLOW 120/CN
L17     1 S PIGMENT YELLOW 154/CN
      E PIGMENT ORANGE 1/CN
L18     1 S E3
L19     1 S PIGMENT ORANGE 36/CN
L20     16 S L1-L19
L21     336 S PHTHALOCYANIN? AND TI/ELS
```

FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005

```
L22     1332 S L20
L23     2340 S L21
L24     4 S L22 AND L23 AND ELECTROPHOTOG?
```

FILE 'STNGUIDE' ENTERED AT 10:21:28 ON 16 JUN 2005

FILE 'REGISTRY' ENTERED AT 10:23:16 ON 16 JUN 2005

```
      E PIGMENT YELLOW 12/CN
L25     1 S E3
L26     1 S E11
      E PIGMENT YELLOW 14/CN
```

STN Columbus

```
L27      1 S E3
L28      1 S E7
L29      1 S PIGMENT YELLOW 17/CN
L30      1 S PIGMENT YELLOW 55/CN
L31      1 S PIGMENT YELLOW 81/CN
L32      1 S PIGMENT YELLOW 83/CN
L33      1 S PIGMENT YELLOW 87/CN
          E PIGMENT YELLOW 113/CN
          E PIGMENT YELLOW 170/CN
L34      1 S E10
L35      10 S L25-L34
```

FILE 'CA' ENTERED AT 10:26:06 ON 16 JUN 2005

```
L36      2263 S L35
L37      5 S L36 AND L21 AND ELECTROPHOTOG?
L38      3 S L37 NOT L24
```

FILE 'STNGUIDE' ENTERED AT 10:26:56 ON 16 JUN 2005

FILE 'REGISTRY' ENTERED AT 10:28:14 ON 16 JUN 2005

```
=> save l21 a667905form1/a
ANSWER SET L21 HAS BEEN SAVED AS 'A667905FORM1/A'
```

```
=> save l35 a667905form21/a
A667905FORM21/A IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list. The name must:
```

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

```
ENTER NAME OR (END):save l35 a667905form2/a
SAVE L35 A667905FORM2/A IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list. The name must:
```

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

```
ENTER NAME OR (END):end
```

```
=> save l35 a667905form2/a
ANSWER SET L35 HAS BEEN SAVED AS 'A667905FORM2/A'
```

```
=> save l21 a667905stiopc/a
ANSWER SET L21 HAS BEEN SAVED AS 'A667905TIOPC/A'
```

```
=> fil stnguide
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.72	183.45

STN Columbus

FILE 'STNGUIDE' ENTERED AT 10:30:29 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 10, 2005 (20050610/UP).

=>